Claims

[c1]   What is claimed is:

1. A network system comprising:

a server comprising:

a configuration filefor storing configurations for clients
requesting communication with the server, the configu-
rations comprising unique identifications for the clients;

a processor for controlling operations of the server and
selecting configurations for clients; and

a transceiver for communicating with clients according
to set configurations of the clients;

at least a client for communicating with the server ac-
cording to a set configuration, the client comprising:

a transceiver for communicating with the server accord-
ing to a set configuration;

a memory for storing the set configuration of the client;
and

a processor for controlling operations of the client and
generating a configuration request for the transceiver to
send to the server;

wherein when the processor of the client requests a con-
figuration from the server, the server sends a configura-
tion to the client and the client loads the configuration

into the memory to establish communication between the server and the client.

[c2]   2. The network system of claim 1 wherein the transceivers are adapted to communicating via a wired or wireless network.

[c3]   3. The network system of claim 1 further comprising a first program executable on the processor of the server, the first program capable of measuring a time since a configuration was sent to the client through the transceiver, and allowing the client to connect to the server with that configuration for a predetermined time or until another connection request is made by the client.

[c4]   4. The network system of claim 1 further comprising a first program executable on the processor of the server, the first program capable of measuring a time since a configuration was sent to the client through the transceiver, and allowing the client to connect to the server with that configuration for a predetermined time.

[c5]   5. The network system of claim 1 further comprising a first program executable on the processor of the server, the first program capable of allowing the client to connect to the server with that configuration until another

connection request is made by the client.

[c6] 6. The network system of claim 1 further comprising a second program executable on the processor of the client, the second program capable of loading a configuration received by the transceiver of the client into the memory when the received configuration complies with a predetermined standard, and loading a default configuration into the memory when the received configuration does not comply with the predetermined standard.

[c7] 7. A network serverfor communication with at least a client, the network server comprising:
a configuration filefor storing configurations for clients requesting communication with the server, the configurations comprising unique identifications for the clients;
a processor for controlling operations of the server and selecting configurations for clients;
a transceiver for communicating with clients according to set configurations of the clients; and
a first program executable on the processor for measuring a time since a configuration was sent to the client through the transceiver, and allowing the client to connect to the server with the configuration for a predetermined time or until another connection request is made by the client;
wherein when the client requests a configuration from

the server, the server sends a configuration to the client to establish communication between the server and the client.

[c8] 8. The network server of claim 7 wherein the transceiver is adapted to communicating via a wired or wireless network.

[c9] 9. A client for communicating with the server according to a set configuration, the set configuration comprising a unique identification for the client, the client comprising:
a transceiver for communicating with the server according to a set configuration;
a memory for storing the set configuration of the client;
a processor for controlling operations of the client and generating a configuration request for the transceiver to send to the server; and
a second program executable on the processor for loading a configuration received by the transceiver into the memory when the received configuration complies with a predetermined standard, and loading a default configuration into the memory when the received configuration does not comply with the predetermined standard.

[c10] 10. The network system of claim 9 wherein the transceiver is adapted to communicating via a wired or wireless network.

[c11] 11. A method of establishing communication between a server and a client, the method comprising:

requesting a connection to the server with the client;

sending a configuration from the server to the client, the configuration comprising a unique identification for the client;

evaluating the configuration received by the client for compatibility with the client;

loading the configuration into a memory of the client when the configuration is compatible with the client; and

sending confirmation of the loaded configuration from the client to the server;

wherein the server and client communicate over an es-tablished connection according to the configuration in the memory of the client.

[c12] 12. The method of claim 11 further comprising loading a default configuration into the memory of the client when the received configuration is incompatible with the client.

[c13] 13. The method of claim 11 further comprising allowing connection to the server with the sent configuration for a predetermined time after the sent configuration is sent to the client.

[c14]   14. The method of claim 11 further comprising allowing connection to the server with the sent configuration until another connection request is made by the client.

[c15]   15. The method of claim 11 further comprising allowing connection to the server with the sent configuration for a predetermined time after the sent configuration is sent to the client or until another connection request is made by the client.

[c16]   16. The method of claim 11 wherein the server and client communicate over a wired or wireless network.